



07-12-04

*JKW*

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July 9, 2004

**VIA U.S. MAIL**

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**Bryan Cave LLP**  
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[www.bryancave.com](http://www.bryancave.com)

Re: U.S. Patent Application Serial No. 10/649,997  
Inventor: Mori, et al.  
Title: Universal Serial Bus Hub and Method of Manufacturing Same  
Attorney Docket No.: 0172097

Dear Sir/Madam:

Enclosed herewith for filing in the above-identified application are the following:

1. Information Disclosure Statement (12 pgs. + 102 references); and
2. Self-addressed, prepaid postcard to acknowledge receipt of documents.

Very truly yours,

Kenneth A. Nelson

KAN:mtr

Enclosure

Chicago  
Hong Kong  
Irvine  
Jefferson City  
Kansas City  
Kuwait  
Los Angeles  
New York  
Phoenix  
Riyadh  
Shanghai  
St. Louis  
United Arab Emirates (Dubai)  
Washington, DC  
  
*And Bryan Cave,  
A Multinational Partnership,*  
London

Commissioner for Patents  
Serial No. 10/649,997  
July 9, 2004  
Page 2

Bryan Cave LLP

**CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. 1.10.**

I hereby certify that this document (and any as referred to as being attached or enclosed) is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" service, mailing label No. **EL853871258US** on **July 9, 2004** and addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

  
\_\_\_\_\_  
Printed Name: Thomas LeVance



Attorney Docket No. 0172097  
PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of *[Signature]* : Group Art Unit: 2181  
MORI, et al. :  
Serial No.: 10/649,997 : Examiner: Unknown  
Filed: August 26, 2003 :  
Title: Universal Serial Bus Hub and Method of Manufacturing Same

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Attached hereto is a completed Form PTO-1449 listing patents, publications, applications, or other information, with copies of each such item enclosed herewith. It is requested that the cited patents, publications, applications, or other information be made of record in the examination of this application. The filing of this information disclosure statement is not to be construed as an admission that the information cited in the statement is, or is considered to be, material to the patentability of the invention claimed in the above-identified application. No representation is made that a search has been performed.

This information disclosure statement is being filed (1) within three months of the filing date of a national application other than a continued prosecution application, (2) within three months of the date of entry of the national stage, (3) before the mailing of a first Office Action on the merits, or (4) before the mailing of a first Office Action after the filing of a request for continued examination. Accordingly, no fee is required. The commissioner is, however,

Title: Universal Serial Bus Hub and Method of Manufacturing Same

Serial No.: 10/649,997

**Information Disclosure Statement**

authorized to charge any fee deficiency required by this paper or credit any overpayment to  
Deposit Account No. 02-4467.

Respectfully submitted,

Dated: July 9, 2004

By: Kenneth Nelson  
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Telephone: (602) 364-7000  
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T. L. L.  
Printed Name: Thomas Lawrence



Sheet 1 of 10

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE	ATTY. DOCKET NO. 0172097	SERIAL NO. 10/649,997
PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)		APPLICANT MORI et al.	
		FILING DATE 8/26/03	GROUP

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	D301,713	6/20/89	Bolan, et al.			
	D350,944	9/27/94	Shewmon, et al.			
	D355,416	2/14/95	McCay, et al.			
	D362,663	9/26/95	Nguyen			
	D365,333	12/19/95	Mihalik, et al.			
	D366,455	1/23/96	Cheng			
	D375,909	11/26/96	Dziersk, et al.			
	D379,972	6/17/97	Mihalik, et al.			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES <input type="checkbox"/> NO <input type="checkbox"/>
	2000-163168	6/16/00	Japan			No
	2000-231969	8/22/00	Japan			No
	2000-311168	11/7/00	Japan			No
	2001-102136	4/13/01	Japan			No
	2350032	11/15/00	Gr. Britain			

**OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)**

Internet: Belkin Catalog; Hi-speed USB 2.0 4-Port Hub; 8/25/2003;  
[http://catalog.belkin.com/IWCatProductPage.process?Merchant\\_Id=1&Product\\_Id=107432](http://catalog.belkin.com/IWCatProductPage.process?Merchant_Id=1&Product_Id=107432)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in the conformance and not considered. Include copy of this form with next communication to applicant.

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		FILING DATE August 26, 2003	GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	D391,944	3/10/98	Han			
	D392,147	3/17/98	Gervais, et al.			
	D393,451	4/14/98	Faranda, et al.			
	D408,012	4/13/99	Brownlie			
	D411,989	7/13/99	Grossman, et al.			
	D412,322	7/27/99	Wu			
	D412,494	8/3/99	Tamaki, et al.			
	D413,893	9/14/99	Luzbetak, et al.			

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES <input type="checkbox"/> NO <input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

	Internet: Belkin Catalog; USB 4-Port Hub; 8/25/2003; [ <a href="http://catalog.belkin.com/IWCatProductPage.process?Merchant_Id=1&amp;Product_Id=20906">http://catalog.belkin.com/IWCatProductPage.process?Merchant_Id=1&amp;Product_Id=20906</a> ]
	Internet: Belkin Catalog; USB 7-Port Hub; 8/25/2003; [ <a href="http://catalog.belkin.com/IWCatProductPage.process?Merchant_Id=1&amp;Product_Id=121417">http://catalog.belkin.com/IWCatProductPage.process?Merchant_Id=1&amp;Product_Id=121417</a> ]
	Internet: Netgear; Model FS605 5-Port Fast Ethernet Switch; 8/25/2003; [ <a href="http://www.netgear.com/products/prod_details.asp?prodID=130&amp;view=1">http://www.netgear.com/products/prod_details.asp?prodID=130&amp;view=1</a> ]
	Internet: Netgear; Model FS608 8 Port 10/100 Switch; 8/25/2003; [ <a href="http://www.netgear.com/products/prod_details.asp?prodID=132&amp;view=1">http://www.netgear.com/products/prod_details.asp?prodID=132&amp;view=1</a> ]

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		APPLICANT MORI, et al.	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	D415,741	10/26/99	Lee, et al.			
	D416,559	11/16/99	Hoyt, et al.			
	D419,978	2/1/00	Mah			
	D421,962	3/28/00	Varga			
	D422,267	4/4/00	Richards			
	D423,010	4/18/00	Wicks			
	D425,866	5/30/00	Nagasawa, et al.			
	D435,558	12/26/00	Tong, et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES <input type="checkbox"/> NO <input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

	Internet: Netgear; Model CG814M Wireless Cable Modem Gateway; 8/25/2003; [http://www.netgear.com/products/prod_details.asp?prodID=160&view=]
	Internet: Netgear; Model WGR614 Cable/DSL Wireless Router 54 Mbps/2.4 GHz; 8/25/2003; [http://www.netgear.com/products/prod_details.asp?prodID=174&view=]
	Internet: Netgear; Model MR814 802.11b Cable/DSL Wireless Router; 8/25/2003; [http://www.netgear.com/products/prod_details.asp?prodID=151&view=]
	Internet: Netgear; Model WGT624 108 Mbps Wireless Firewall Router; [http://www.netgear.com/products/prod_details.asp?prodID=214&view=]
	Internet: Netgear; Model WGR614 Cable/DSL Wireless Router 54 Mbps/2.4 GHz; 8/25/2003; [http://www.netgear.com/products/prod_details.asp?prodID=174&view=]

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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE	ATTY. DOCKET NO.	SERIAL NO
PATENT AND TRADEMARK OFFICE		0172097	10/649,997
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT	
(Use several sheets if necessary)		MORI, ET AL.	
		FILING DATE	GROUP
		August 26, 2003	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	D436,109	6/9/01	Tong, et al.			
	D444,462	7/3/01	Tsuji			
	D450,686	11/20/01	Beaumont, et al.			
	Re. 35,915	10/6/98	Hastings, et al.			
	3,990,763	11/9/76	Kress			
	4,119,359	10/10/78	Schultz			
	4,401,351	8/30/83	Record			
	4,501,460	2/26/85	Sisler			
	4,558,914	12/17/85	Prager, et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES <input type="checkbox"/> NO <input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

	Internet: Netgear Model WG602 54 Mbps Wireless Access Point; 8/25/2003; [http://www.netgear.com/products/prod_details.asp?prodID=170&view=]
	Internet: Netgear Model ME101 Wireless Ethernet Bridge; 8/25/2003; [http://www.netgear.com/products/prod_details.asp?prodID=175&view=]
	Internet: Netgear Model WGT624 108 Mbps Wireless Firewall Router; 8/25/2003; [http://www.netgear.com/products/prod_details.asp?prodID=214&view=]
	Internet: Netgear Model CG814M Wireless Cable Modem Gateway; 8/25/2003; [http://www.netgear.com/products/prod_details.asp?prodID=160&view=]

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,688,864	8/25/87	Sorel			
	4,845,589	7/4/89	Weidler, et al.			
	4,850,485	7/25/89	Ishikawa			
	5,030,128	7/9/91	Herron, et al.			
	5,247,406	9/21/93	Apple, et al.			
	5,333,097	7/26/94	Christensen, et al.			
	5,336,102	8/9/94	Cairns, et al.			
	5,358,420	10/25/94	Cairns, et al.			

## FOREIGN PATENT DOCUMENTS

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						YES <input type="checkbox"/> NO <input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

	Internet: Netgear Model MR814 802.11b Cable/DSL Wireless Router; 8/25/2003; [ <a href="http://www.netgear.com/products/prod_details.asp?prodID=151&amp;view=">http://www.netgear.com/products/prod_details.asp?prodID=151&amp;view=</a> ]
	Internet: Netgear Model DG824M Wireless ADSL Modem Gateway with 4-port 10/100 Mbps Switch; 8/25/2003; [ <a href="http://www.netgear.com/products/prod_details.asp?prodID=165&amp;view=">http://www.netgear.com/products/prod_details.asp?prodID=165&amp;view=</a> ]
	Internet: Netgear Model RP614 4-Port Cable/DSL Router with 10/100 Mbps Switch; 8/25/2003; [ <a href="http://www.netgear.com/products/prod_details.asp?prodID=131&amp;view=">http://www.netgear.com/products/prod_details.asp?prodID=131&amp;view=</a> ]
	Internet: Netgear Model DG814 DSL Modem Internet Gateway; 8/25/2003; [ <a href="http://www.netgear.com/products/prod_details.asp?prodID=136&amp;view=">http://www.netgear.com/products/prod_details.asp?prodID=136&amp;view=</a> ]

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,381,315	1/10/95	Hamaguchi, et al.			
	5,440,181	8/8/95	Gruender, Jr. et al.			
	5,483,419	1/9/96	Kaczeus, Sr., et al.			
	5,498,174	3/12/96	Speer, et al.			
	5,515,239	5/7/96	Kamerman, et al.			
	5,586,002	12/17/96	Notarianni			
	5,591,048	1/7/97	Hahn			
	5,604,662	2/18/97	Anderson, et al.			

## FOREIGN PATENT DOCUMENTS

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					YES <input type="checkbox"/> NO <input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

	Internet: Netgear Model CM212 Broadband Cable Modem; 8/25/2003; [ <a href="http://www.netgear.com/products/prod_details.asp?prodID=164&amp;view=">http://www.netgear.com/products/prod_details.asp?prodID=164&amp;view=</a> ]
	Internet: Netgear Model DG824M Wireless ADSL Modem Gateway with 4-port 10/100 Mbps Switch; [ <a href="http://www.netgear.com/products/prod_details.asp?prodID=165&amp;view=">http://www.netgear.com/products/prod_details.asp?prodID=165&amp;view=</a> ]
	Internet: Netgear Model DM602 ADSL Modem; 8/25/2003; [ <a href="http://www.netgear.com/products/prod_details.asp?prodID=171&amp;view=">http://www.netgear.com/products/prod_details.asp?prodID=171&amp;view=</a> ]

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		APPLICANT		
		MORI, et al.		
FILING DATE	GROUP			
August 26, 2003				

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,621,890	4/15/97	Notarianni, et al.			
	5,645,434	7/8/97	Leung			
	5,673,172	9/30/97	Hastings, et al.			
	5,692,400	12/2/97	Bliven, et al.			
	5,700,159	12/23/97	Albeck			
	5,706,179	1/6/98	Palatov			
	5,726,922	3/10/98	Womble, et al.			
	5,737,189	4/7/98	Kammersgard, et al.			

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	5,777,845	7/7/98	Krum, et al.			
	5,822,184	10/13/98	Rabinovitz			
	5,825,618	10/20/98	Schnoor, et al.			
	5,835,353	11/10/98	Dalby			
	5,871,368	2/16/99	Erdner, et al.			
	5,875,094	2/23/99	Kirkendoll			
	5,896,273	4/20/99	Varghese, et al.			
	5,938,473	8/17/99	Nishio, et al.			
	6,018,456	1/25/00	Young, et al.			

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,047,572	4/11/00	Bliven, et al.			
	6,050,849	4/18/00	Chang			
	Reexamination Certificate (4784 <sup>th</sup> ) for Pat. No. 6,052,278	5/20/03	Tanzer, et al.			
	6,052,278	4/18/00	Tanzer, et al.			
	6,073,188	6/6/00	Fleming			
	6,076,142	6/13/00	Corrington, et al.			
	6,098,131	8/1/00	Unger, et al.			
	6,108,198	8/22/00	Lin			

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						YES <input type="checkbox"/> NO <input type="checkbox"/>

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,141,221	10/31/00	Tong, et al.			
	6,147,859	11/14/00	Abboud			

**FOREIGN PATENT DOCUMENTS**

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